



**4<sup>th</sup> SEA-AICOSCA**  
**Cottonseed, Oil & Meal Conclave-2023**

**SPAGHETTI  
INCORPORATED  
WITH COTTONSEED  
FLOUR AND OIL**

Submitted by  
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# Purpose And Dimensions

- More nutritious option, contributing to a balanced and wholesome meal.
- Offers the **farmer a chance to make money and develop their careers.**
- It enable towards **ATMANIRBHAR BHARAT.**
- Cotton seed oil is an alternative for sunflower oil.
- Cotton seed flour an excellent alternative to wheat flour without gluten.
- Spaghetti preparation cut waste and encourage sustainability & environmental friendly by using these ingredients.

- Malnutrition
- Stomach bleeding
- Heart failure
- Liver problems

## PRODUCT DISCRIPTION

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- ✓ Spaghetti noodles crafted with nutritious cottonseed flour and oil.
  - ✓ Dish offers enhanced flavor, texture, and health benefits.
  - ✓ **LOW GOSSYPOL CONTENT**
  - ✓ High amount of protein (50%)
  - ✓ Enriched in unsaturated fatty acid



## COTTON SEED FLOUR

- High protein content
- Low Gossypol content
- Antioxidants
- Polyphenols
- Flavonoids and
- Omega-3 fatty acids.

## COTTON SEED OIL

- Enhance the natural flavour
- Act as a preservative
- Prevent heart disease-**HEART OIL**
- Contain high vitamin-E
- PUFA and MUFA
- Reduce blood cholesterol

NEUTRACEUTICAL  
consumption rate 10-  
20 g / day  
- FSSAI STANDARD



## PROCESSING FLOWCHAT

Ingredients are collected and weighed



Mix the ingredients



Flour is knead for 15 – 20 mins



Transfer dough into extruder machine



Extruding and dicing



Cooling and drying  
(75°C until 12 – 13 % moisture content)



Sorting and packaging



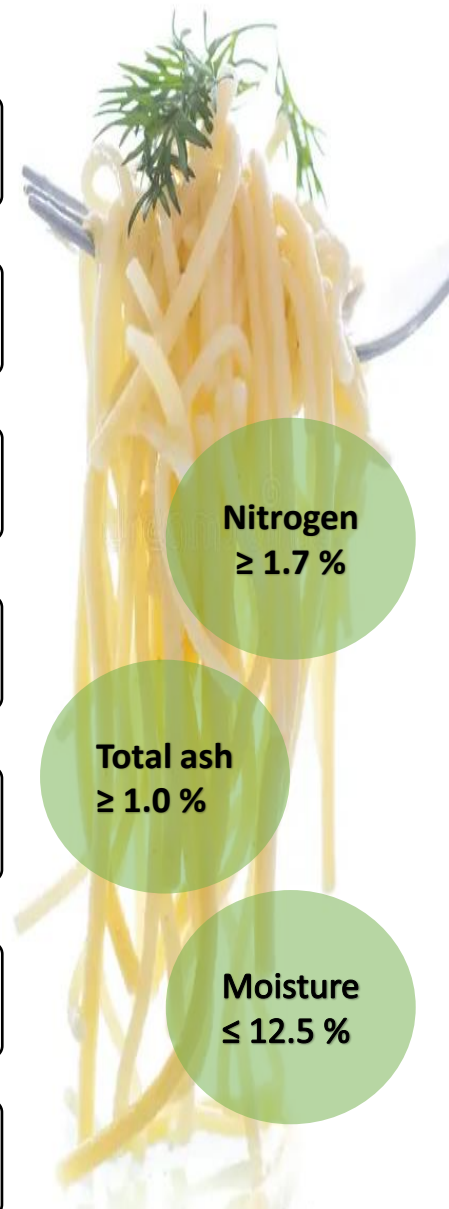
Storage

**Nitrogen**  
≥ 1.7 %

**Total ash**  
≥ 1.0 %

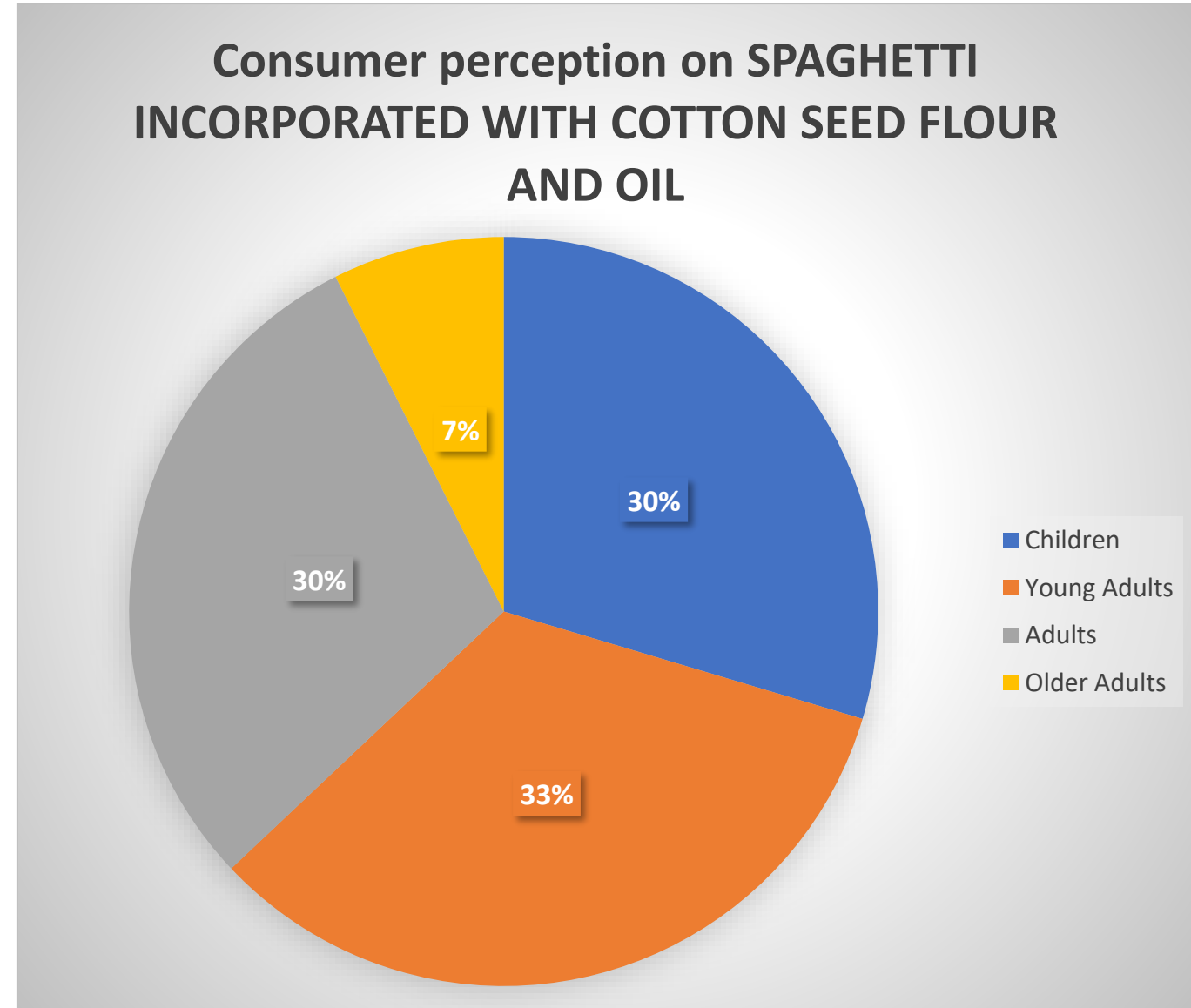
**Moisture**  
≤ 12.5 %

**FSSAI  
STANDARD**



# Target Audience And Review For Product

- Spaghetti is favorite among children and teenagers.
- Its familiar appearance make it a popular choice for family meals and school lunches.
- It is a versatile and budget-friendly option that appeals to young adults.
- **Spaghetti remains a popular choice for irrespective of all ages.**



**THANKS FOR YOUR ATTENTION!!!**



THANK  
YOU